

In the Claims

1. (Currently amended) A biaxially oriented polyester film for use in a capacitor having high heat resistance, comprising a polyester (A) as a main component and a polyimide (B), and having a glass transition temperature in the range of 105°C to 145°C, [and] an elongation at break in a machine direction of 70% to 150% and a surface roughness (Ra) in the range of 10 nm to 140 nm.

2. (Cancelled)

A 3. (Original) A polyester film for use in a capacitor having high heat resistance, according to claim 1, wherein the polyester (A) is a polyester composed mainly of ethylene terephthalate.

4. (Original) A polyester film for use in a capacitor having high heat resistance, according to claim 1, wherein the polyimide (B) is a polyimide composed of polyether imide.

5. (Original) A polyester film for use in a capacitor having high heat resistance, according to claim 1, which has an onset temperature of dielectric loss ($\tan \delta$) in the range of 85°C to 120°C.

6. (Original) A polyester film for use in a capacitor having high heat resistance, according to claim 1, which has an insulation volume resistance (IR) in the range of $1.0 \times 10^{14} \Omega \cdot \text{cm}$ to $5.0 \times 10^{16} \Omega \cdot \text{cm}$ at 125°C.

7. (Original) A polyester film for use in a capacitor having high heat resistance, according to claim 1, which has the polyimide (B) in a content in the range of 5 to 30% by weight based on the total weight of said film.

8. (Original) A polyester film for use in a capacitor having high heat resistance, according to claim 1, which has a thermal shrinkage of not more than 2.5% after a lapse of 30 minutes at 150°C.

9. (Original) A metallized film for use in a capacitor having high heat resistance, comprising one polyester film for use in a capacitor according to any one of claims 1 to 8, and having a metallized layer disposed on at least one surface of said film.

10. (Original) A capacitor having high heat resistance, comprising the metallized film for use in a capacitor according to claim 9.
